I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 12/16/97

DEC 1 5 1997

eceip+

PATENT

RECEIPT ACCTING, DIV. Attorney Docket No. 15389-002600US

OIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech, et al.

Serial No.: 08/912,951

Filed: August 14, 1997

For: HUMAN TELOMERASE CATALYTIC

SUBUNIT: DIAGNOSTIC AND

THERAPEUTIC METHODS

Examiner: Unassigned

Art Unit: 1815

REQUEST FOR CORRECTED FILING

RECEIPT

Assistant Commissioner for Patents Attn: Customer Correction Branch, Application Processing Division Washington, D.C. 20231

Sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in that applicants and continuing data should read as follows:

THOMAS R. CECH, BOULDER, CO; JOACHIM LINGNER, BOULDER, CO; TORU NAKAMURA, BOULDER, CO; KAREN B. CHAPMAN, SAUSALITO, CA; GREGG B. MORIN, PALO ALTO, CA; CALVIN B. HARLEY, PALO ALTO, CA; WILLIAM ANDREWS, RICHMOND, CA.

Continuing Data as Claimed by Applicant-

08/845,050 May 9, 1997

08/851,843 May 6, 1997 08/846,017 April 25, 1997

08/844,419 April 18, 1997

08/724,643 October 1, 1996

The correction is noted on the enclosed copy of the filing receipt. The correction is not due to any error by applicant and no fee is due.

DEC 1 5 199

PATENT

Thomas R. Cech, et al. Serial No.: 08/912,951 Page 2

Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430. This Petition is submitted in triplicate.

Respectfully submitted,

Randolph T. Apple Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400 Fax (415) 326-2422 RTA:sgk

i:\smh\work\015389\002600.Cfr

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 12/10/97

PATENT

By flance M. Valley

Attorney Docket No. 15389-002600US

REQUEST FOR CORRECTED FILING

Examiner: Unassigned

Art Unit: 1815

RECEIPT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech, et al.

Serial No.: 08/912,951

Filed: August 14, 1997

For: HUMAN TELOMERASE CATALYTIC

SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS

Assistant Commissioner for Pat

Assistant Commissioner for Patents Attn: Customer Correction Branch, Application Processing Division Washington, D.C. 20231

Sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in that applicants and continuing data should read as follows:

THOMAS R. CECH, BOULDER, CO; JOACHIM LINGNER, BOULDER, CO; TORU NAKAMURA, BOULDER, CO; KAREN B. CHAPMAN, SAUSALITO, CA; GREGG B. MORIN, PALO ALTO, CA; CALVIN B. HARLEY, PALO ALTO, CA; WILLIAM ANDREWS, RICHMOND, CA.

Continuing Data as Claimed by Applicant-

08/845,050 May 9, 1997 08/851,843 May 6, 1997 08/846,017 April 25, 1997 08/844,419 April 18, 1997 08/724,643 October 1, 1996

The correction is noted on the enclosed copy of the filing receipt. The correction is not due to any error by applicant and no fee is due.

TEL 1 5 199

PATENT

Thomas R. Cech, et al. Serial No.: 08/912,951 Page 2

Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430. This Petition is submitted in triplicate.

Respectfully submitted,

Randolph T. Apple Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400 Fax (415) 326-2422 RTA:sgk

i:\smh\work\015389\002600.Cfr

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 12/16/97

PATENT

By Lanie M. Valle

Attorney Docket No. 15389-002600US

REQUEST FOR CORRECTED FILING

Examiner: Unassigned

Art Unit: 1815

RECEIPT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech, et al.

·

Serial No.: 08/912,951

Filed: August 14, 1997

For: HUMAN TELOMERASE CATALYTIC

SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS

Assistant Commissioner for Patents Attn: Customer Correction Branch, Application Processing Division Washington, D.C. 20231

sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in that applicants and continuing data should read as follows:

THOMAS R. CECH, BOULDER, CO; JOACHIM LINGNER, BOULDER, CO; TORU NAKAMURA, BOULDER, CO; KAREN B. CHAPMAN, SAUSALITO, CA; GREGG B. MORIN, PALO ALTO, CA; CALVIN B. HARLEY, PALO ALTO, CA; WILLIAM ANDREWS, RICHMOND, CA.

Continuing Data as Claimed by Applicant-

08/845,050 May 9, 1997 08/851,843 May 6, 1997 08/846,017 April 25, 1997 08/844,419 April 18, 1997 08/724,643 October 1, 1996

The correction is noted on the enclosed copy of the filing receipt. The correction is not due to any error by applicant and no fee is due.

图 15 图

PATENT

Thomas R. Cech, et al. Serial No.: 08/912,951 Page 2

Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430. This Petition is submitted in triplicate.

Respectfully submitted,

Randolph T. Apple Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400 Fax (415) 326-2422 RTA:sgk

i:\smh\work\015389\002600.Cfr

PTO-103X (Rev. 8-95)

. 2

FILING RECEIPT

DE 15 BUT 5 A



UNITED STATES EPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTORNEY DOCKET NO. | DRWGS | TOT CL | IND CL | 08/912,951 | 08/14/97 | 1815 | \$0.00 | 15389-002600 | 44 | 45 | 17

WILLIAM M SMITH
TOWNSEND AND TOWNSEND AND CREW
TWO EMBARCADERO CENTER 8TH FLOOR
SAN FRANCISCO CA

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME_OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

THOMAS R. CECH, BOULDER, CO; JOACHIM LINGNER, BOULDER, SQUISALITO, CA CO; TORU NAKAMURA, BOULDER, CO; KAREN B. CHAPMAN, BOULDER, CO; GREGG B. MORIN, PALO ALTO, CA; CALVIN B. HARLEY, PALO ALTO, CA; William Andrews, RICHMAND, CA.

CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A CIP OF 08/854,050 05/09/97 08/851,843 May 6,1997 WHICH IS A CIP OF 08/846,017 04/25/97 WHICH IS A CIP OF 08/844,419 04/18/97 WHICH IS A CIP OF 08/724,643 10/01/96

FOREIGN FILING LICENSE GRANTED 11/24/97

HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS

PRELIMINARY CLASS: 435

97 DEC -4 AN 9 47

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "FOREIGN FILING LICENSE GRANTED" followed by a date appears on the reverse side of this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.11. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

3

Ç.,

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.62 which meets the provisions of 37 CFR 5.15(a). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations, especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR Parts 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "FOREIGN FILING LICENSE GRANTED" DOES NOT appear on the reverse side of this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).